

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

ATTENTION: APPLICATION BRANCH

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): **Norman J. Beamish and John S. Walley**

For: **FREQUENCY HOPPING SPREAD SPECTRUM MODULATION AND DIRECT SEQUENCE
SPREAD SPECTRUM MODULATION CORDLESS TELEPHONE**

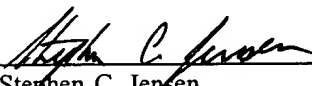
Enclosed are:

- (X) Six (6) sheets of informal drawings.
- (X) Recordation form cover sheet with 2-page assignment.
- (X) Initial signed declaration by inventors.
- (X) Return prepaid postcard.

CLAIMS AS FILED

FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
Basic Fee			\$790	\$790
Total Claims	19 - 20 =	0 x	\$22	\$0
Independent Claims	3 - 3 =	0 x	\$82	\$0
TOTAL FILING FEE				\$790

- (X) A check in the amount of \$790 to cover the filing fee is enclosed.
- (X) A check in the amount of \$40 to cover the assignment recording fee.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 11-1410. A duplicate copy of this sheet is enclosed.
- (X) Please use Customer No. 20,995 for the correspondence address.


Stephen C. Jensen
Registration No. 35,556
Attorney of Record

INTELLECTUAL PROPERTY LAW
KNOBBE, MARTENS, OLSON & BEAR

A LIMITED LIABILITY PARTNERSHIP INCLUDING
PROFESSIONAL CORPORATIONS

PATENT, TRADEMARK AND COPYRIGHT CAUSES

620 NEWPORT CENTER DRIVE

SIXTEENTH FLOOR

NEWPORT BEACH, CALIFORNIA 92660-8016

(949) 760-0404

FAX (949) 760-9502

INTERNET: WWW.KMOB.COM

LOUIS J. KNOBBE*
DON W. MARTENS*
GORDON H. OLSON**
JAMES B. BEAR
DARRELL L. OLSON*
WILLIAM B. BUNKER
WILLIAM H. NIEMAN
LOWELL ANDERSON
ARTHUR S. ROSE†
JAMES F. LESNIAK
NED A. ISRAELSEN
DREW S. HAMILTON
JERRY T. SEWELL
JOHN B. SGANGA, JR.
EDWARD A. SCHLATTER
EDWARD VON HOFFMANN
JOSEPH R. RE
CATHERINE J. HOLLAND
JOHN M. CARSON
KAREN VOGEL WEIL†
ANDREW H. SIMPSON
JEFFREY L. VAN HOOSEAR
DANIEL E. ALTMAN
ERNEST A. BEUTLER
MARGUERITE L. GUNN
STEPHEN C. JENSEN
VITO A. CANUSO III

WILLIAM H. SHREVE
LYNDA J. ZADRA-SYMES**
STEVEN J. NATAUPSKY
PAUL A. STEWART
JOSEPH F. JENNINGS
CRAIG S. SUMMERS
ANNEMARIE KAISER
BRENTON R. BABCOCK†
THOMAS F. SMEGAL, JR.
MICHAEL H. TRENDOLM
DIANE M. REED
JONATHAN A. BARNEY
RONALD J. SCHOENBAUM
JOHN R. KING
FREDERICK S. BERRETTA
NANCY WAYS VENSKO
RICHARD C. GILMORE
JOHN P. GIEZENTANNER
ADEEL S. AKHTAR
THOMAS R. ARNO
DAVID N. WEISS
DANIEL HART
JAMES T. HAGLER
DOUGLAS G. MUEHLHAUSER
LORI L. YAMATO
STEPHEN M. LOBBIN
RICHARD C. KIM

ANN A. BYUN
ROBERT F. GAZDZINSKI
FRED C. HERNANDEZ
STACEY R. HALPERN†
MICHAEL K. FRIEDLAND
DALE C. HUNT
LEE W. HENDERSON
DEBORAH S. SHEPHERD
RICHARD E. CAMPBELL
MARK M. ABUMERI
JON W. GURKA
KATHERINE W. WHITE
JOSEPH J. BASISTA
ERIC M. NELSON
ALEXANDER C. CHEN
MARK R. BENEDICT
PAUL N. CONOVER
MICHAEL T. CRUZ
JOHN P. MUSONE
ROBERT J. ROBY
SABING H. LEE
JENNY G. KO
KAROLINE A. DELANEY
JOHN W. HOLCOWB
JAMES J. MULLEN, III

OF COUNSEL
JERRY R. SEILER
JAPANESE PATENT ATTY
KATSUHIRO ARAI
EUROPEAN PATENT ATTY
MARTIN HELLEBRANDT
KOREAN PATENT ATTY
MINCHEOL KIM
CHINESE PATENT ATTY
JIAWEI HUANG
SCIENTISTS & ENGINEERS
(NON-LAWYERS)
RAIMOND J. SALENIEKS**
RENEE E. CANUSO**
MICHAEL L. FULLER**
NEIL S. BARTFELD**
MICHAEL J. GILLY
DANIEL E. JOHNSON**
JEFFERY KOEPKE
KHURRAM RAHMAN

Assistant Commissioner for Patents
Washington, D.C. 20231

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Attorney Docket No. : ROKWELL.039A/98RSS121
Applicant(s) : Beamish et al.
For : FREQUENCY HOPPING SPREAD
SPECTRUM MODULATION AND DIRECT SEQUENCE SPREAD
SPECTRUM MODULATION CORDLESS TELEPHONE
Attorney : Stephen C. Jensen
"Express Mail"
Mailing Label No. : EL 036 226 893
Date of Deposit : August 20, 1998

I hereby certify that the accompanying

Transmittal in Duplicate; Specification in 17 pages; 6 sheets of drawings;
SIGNED Declaration by Inventor in 2 pages; Recordation Form Cover Sheet
and Assignment in 3 pages; Checks for Filing Fees; Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.


Donald King

SCJ-7656:vm
081998

275 BATTERY STREET
SUITE 1840
SAN FRANCISCO, CALIFORNIA 94111
(415) 954-4114
FAX (415) 954-4111

501 WEST BROADWAY
SUITE 1400
SAN DIEGO, CALIFORNIA 92101
(619) 235-8550
FAX (619) 235-0176

3801 UNIVERSITY AVENUE
SUITE 710
RIVERSIDE, CALIFORNIA 92501
(909) 781-9231
FAX (909) 781-4507

* A PROFESSIONAL CORPORATION
† ALSO MEMBER OF D.C. BAR
** ALSO BARRISTER AT LAW (U.K.)
*** U.S. PATENT AGENT